Materials Scientist

**Job Description:** Develop materials, like metals, ceramics, polymers, and composites that other engineers and scientists use for their designs.

**What does a Materials Scientist do?**

* Create eco-friendly, biodegradable materials using plant parts.
* Come up with new ways to recycle non-metallic components of old computers and make them into fences, park benches, and works of art.
* Create materials that can be used in knee replacement surgeries.
* Design lightweight materials for use in car engines to make them more fuel efficient.
* Study naturally found adhesives such as the glue made by sea mussels to develop new industrial adhesives.
* Develop ceramic materials and make them into useful products such as glassware or fiber optic communication lines.
* Analyze product failure data and laboratory test results to determine causes of problems and develop solutions.

**Outlook: Green**

Average Salary - $38.61 hourly, $80,300 annual

Projected Job Openings – 4,400 over the next 10 years

**Your Interests:**

* Are you good at math?
* Are you creative?
* Is your work detailed?
* Do you like to solve problems?
* Are you interested in how things work?

**Education/Program of Study:**

* Bachelor’s Degree is the minimum requirement
* Master’s Degree is required for many positions